

# Abstract

A composite fire stopping article capable of fire stopping through -  
 5 penetrations without the need for a secondary reinforcement structure includes an  
 interior insulating material, such as mineral wool, sandwiched between layers of an  
 intumescent material. The insulating material and intumescent material may be  
 enclosed in a bag formed of a polymeric material. The intumescent material is  
 substantially free of graphite and consists essentially of filler material, binder  
 10 material, and a hydrated alkali metal silicate intumescent component.